

Native API

```
client.completions.create  
client.chat.completions.  
create  
chat model(gpt-3.5-  
turbo即chatgpt,  
GPT4 )  
vs text mode (gpt-3.5-
```

```
llm_chain = LLMChain( llm=llm,  
prompt=PromptTemplate.from_template(template))#  
调用LLMChain, 返回结果result = llm_chain("玫瑰")
```

```
这是总的链, 我们按顺序运行这三个链overall_chain =  
SequentialChain( chains=[introduction_chain,  
review_chain, social_post_chain],  
input_variables=["name", "color"],
```

Chain+Router Chain

Chain+sequential Chain

```
llm =  
OpenAI( model="gpt-3.5-  
turbo-instruct",  
temperature=0.8,  
max_tokens=60,)  
  
ChatOpenAI(model="gpt-4",  
temperature=0.8,
```

LangChain

```
# 构建多提示链from langchain.chains.router  
import MultiPromptChain  
chain =  
MultiPromptChain( router_chain=router_chain,  
destination_chains=chain_map,  
default_chain=default_chain, verbose=True)
```

```
agent = initialize_agent(tools, llm,  
agent=AgentType.ZERO_SHOT_REACT_DESCR  
PTION, verbose=True)  
  
agent.run("目前市场上玫瑰花的平均价格是多少? )
```

Agent